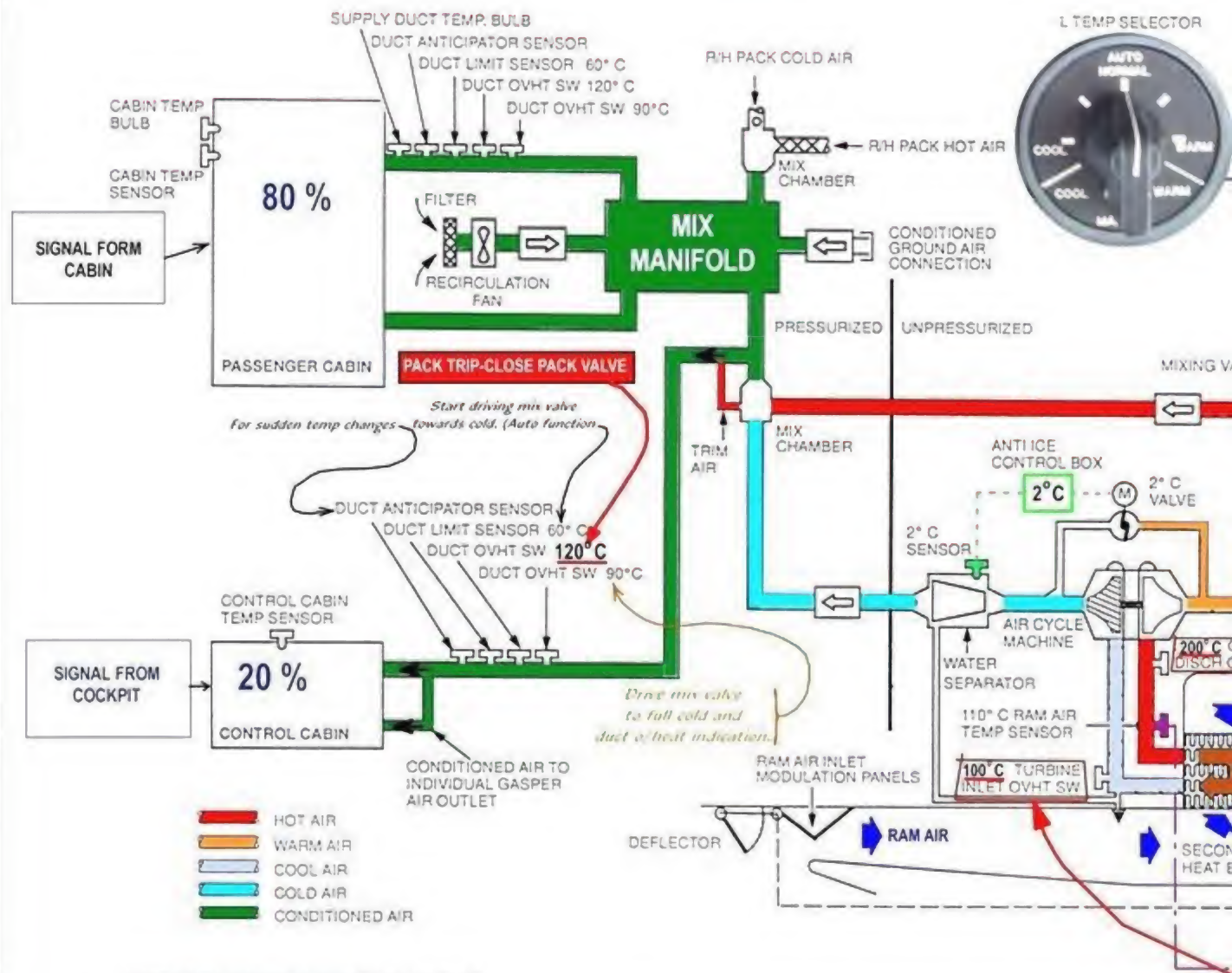


FOR TRAINING PURPOSES ONLY

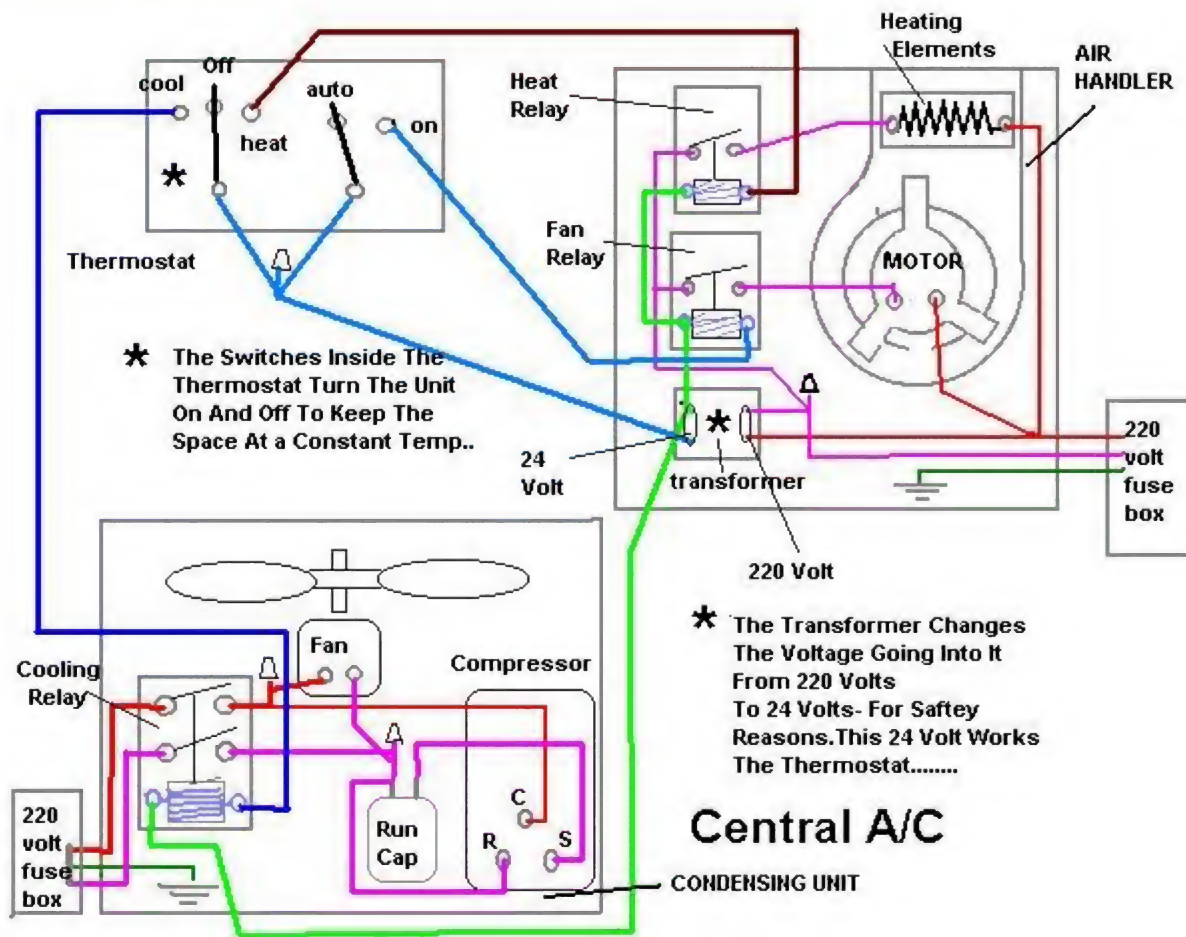
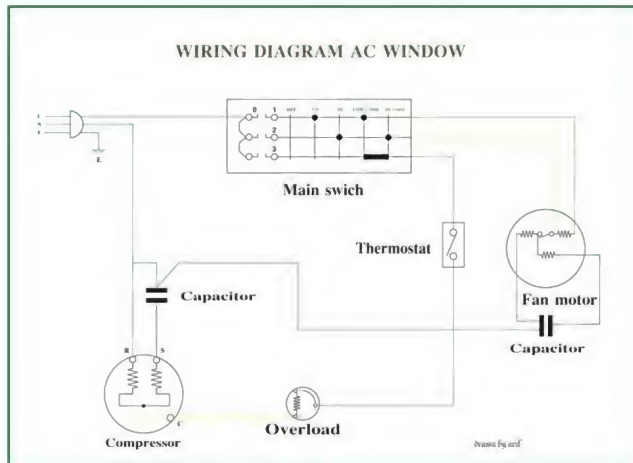


LEFT PACK SHOWN RIGHT PACK SIMILAR

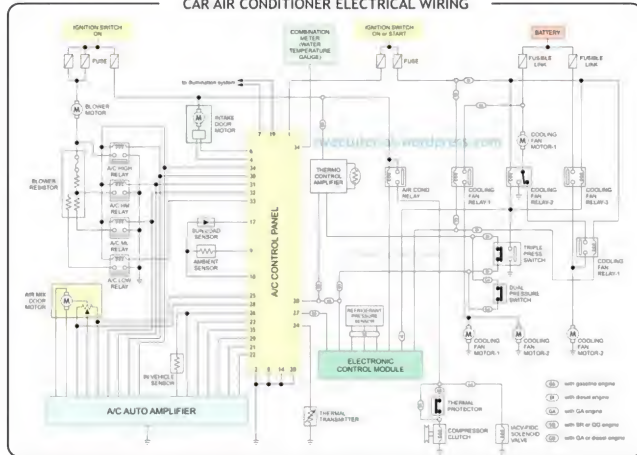
FOR TRAINING PURPOSES ONLY

Prepared by:
Lance Van Der Linde

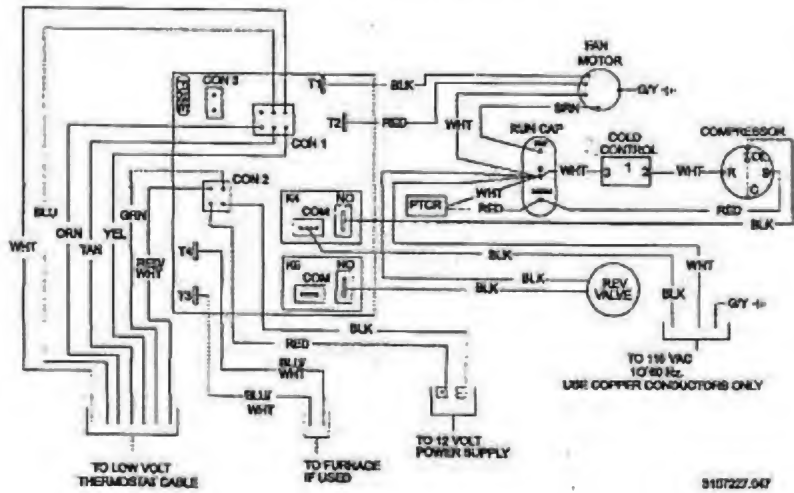
Figure 1 Air Conditioning System Schematic



CAR AIR CONDITIONER ELECTRICAL WIRING



WIRING DIAGRAM



8107227.047


Dometic

ELB



Note 1) Above shows an example of voltage (O) input. Changeover of SW5 must be done in case of current (OI) input. (Refer to page 9).

(1) Mains terminal description

Symbol	Name	Description
R/L1(L1)	Power input terminals	Connect power supply - Use [L1] and [N] terminal in case of 1-ph. 200V power supply
S/L2		
T/L3(N)		
U/T1	Power output terminals	Connect 3-ph. motor
V/T2		
W/T3		
PD/+1	DC link choke connection terminal	First, remove the short circuit bar between PD/+1 and P/- terminal. Then connect optional DC link choke for improving the input harmonics.
P/-		
G()	Earth terminal	To make grounding. Be sure to make this grounding to avoid electric shock, and for improving the EMC performance. The terminal is located on the heatsink.